

Appl. No. : 10/714,097  
Filed : November 14, 2003

### AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Withdrawn) A method comprising:

Scanning a bar code with a first scanner to obtain first information; and

Scanning said bar code with a second scanner, different from said first scanner,  
to obtain second information, different than said first information; and

decoding the bar code to obtain information about personal identification  
therefrom, in a base N format, where N is at least 80% of the capability of all digits of  
the bar code.

2-6 cancelled

7. (Withdrawn) A method comprising:

obtaining personal identification information,

converting said personal identification information to a string of digits of base N,  
where N is greater than 10;

forming a bar code representing said base N number; and

using said bar code to represent said personal identification information.

8. (Withdrawn) A method as in claim 7, wherein said bar code is in a  
specified format that uses at least eighty percent of the available digits of said bar code  
in said base N number.

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9. (Withdrawn) A method as in claim 7, wherein said converting comprises converting to a form which uses all numbers, and at least some letters representing base N numbers greater than 10.

10. (Withdrawn) A method as in claim 7, wherein said personal identification information includes an address to be used to look up additional information.

11. (Withdrawn) A method as in claim 10, wherein a first part of the bar code includes actual personal identification information, and a second part of the bar code includes an address to look up additional characteristics.

12. (Withdrawn) A method as in claim 11, wherein said second part of the bar code is a linear bar code and said first part of the bar code is an additional part.

13. (Withdrawn) A method as in claim 12, wherein said additional part is a two dimensional part.

14. (Withdrawn) A method as in claim 12, wherein said additional part is a color or grayscale part.

15. (Withdrawn) A method as in claim 7, wherein said personal identification information is a picture.

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16. (Withdrawn) A method as in claim 7, wherein said personal identification information is dynamic information about the way that the user takes some action.

17. cancelled

18. (Previously Amended) A method of forming a communication, comprising:

Using a portable device with a camera and a display unit therein, to obtain an image of a bar code that is associated with an advertisement;

sending information indicative of the bar code to a remote database; and

receiving and displaying, on said portable device, more information about said advertisement from said remote database.

19. (Previously amended) A method of forming a communication, comprising:

Using a portable device with a camera and a display unit therein, to obtain an image of a bar code that is associated with an item for sale;

sending information indicative of the bar code to a remote database; and

receiving and displaying, on said portable device, information that is supplemental to said item for sale, which information is received from said remote database.

20. (deleted).

21-23 cancelled

24. (cancelled)

25. (cancelled)

26. (cancelled)

27. (Cancelled)

28. (Currently amended) A method as in claim 18, wherein said bar code is a dual type bar code, with a first a part that is interpreted by a first bar code scanning process to obtain first information and a second part which is interpreted by a second bar code scanning process to obtain second information that has more information than first information.

29. (Original) A method as in claim 28, wherein said first part is a linear bar code and said second part is a non-linear bar code.

30. (Original) A method as in claim 28, wherein said first process is a scan in a first direction and said second process is a scan in a second direction.

31. (Original) A method as in claim 28, wherein said second part is one of grayscale or color of the bar code.

32. (Withdrawn) A method of reading a bar code, comprising:  
using a camera in a consumer device to obtain an image of a person at a first time;

using the same camera in said consumer device to obtain an image of a bar code at a second time; and

using a processor in said consumer device to automatically decode contents of said bar code.

33. (Withdrawn) A method as in claim 32, wherein said consumer device is a cellular telephone.

34. (Withdrawn) A method as in claim 32, wherein said consumer device is a portable computer.

35. (Withdrawn) A method as in claim 32, wherein said decoding comprises determining a first portion of the bar code in a first linear bar code format, and determining a second portion of the bar code which is in a second format different than said linear format.

36. (Withdrawn) A method as in claim 35, wherein said second format is a two-dimensional format.

37. (Withdrawn) A method as in claim 35, wherein said second format includes information in the color of the bar code.

38. (Previously Amended) A method comprising:  
using a portable device which includes a camera therein to obtain an image of a bar code;  
decoding information in the bar code to obtain information from the bar code;  
and  
using said information to access a web site from said portable device, that is addressed based on said information.

39. (Original) A method as in claim 38, wherein said bar code is a two-dimensional bar code.

40. (Original) A method as in claim 38, wherein said bar code is a three-dimensional bar code.

41. (Original) A method as in claim 38, wherein said bar code includes different parts which include different information, one of said parts including said information to access the web site.

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42. (Cancelled).

43. Cancelled

44. (Withdrawn) A barcode comprising:

a series of portions encoded to represent information, wherein said information includes a Web address that can be used to access an Internet web site.

45. (Withdrawn) A barcode as in claim 44, wherein said series of portions is within an e-mail.

46. (Withdrawn) A barcode as in claim 44, wherein said series of portions is within an advertisement.

47. (Withdrawn) A barcode as in claim 44, wherein said series of portions is encoded with the first amount of information in a single direction, and with a second amount of information when read in multiple directions.